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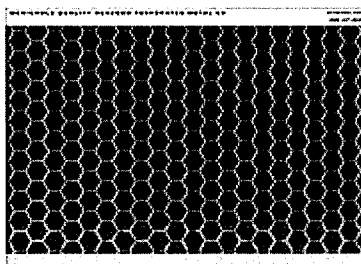
McNICHOLS® Quality Hexagonal Perforated, 16 Gauge Plain Steel, 1/2" Hex on 9/16" Staggered Centers, 24" x 24"

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Item Specifications:

Item Number :	16169116M1
Product Line :	Perforated
Product Type :	Hexagonal Hole
Weight :	2 #/EA
Class :	Perforated Hex Pattern
Trade Name :	McNICHOLS®
Major Material :	Plain Steel
Minor Material :	Cold Rolled
Gauge (Thickness) :	16
Hole Size :	0.5000
Hole Centers :	0.5625
Hole Pattern :	Staggered
Surface Finish :	Mill
Percent Open Area :	80
Width :	24.0000
Length (Span for Grating) :	24.0000
SKU Type :	Each
Margins Parallel to Width :	Sheared Through
Straight Rows Parallel To :	N/A
Margins Parallel to Length :	Min Safe Both Sides
End Pattern :	None
HS Item Number :	16169116M1



Accessories:

U Edging

Options:

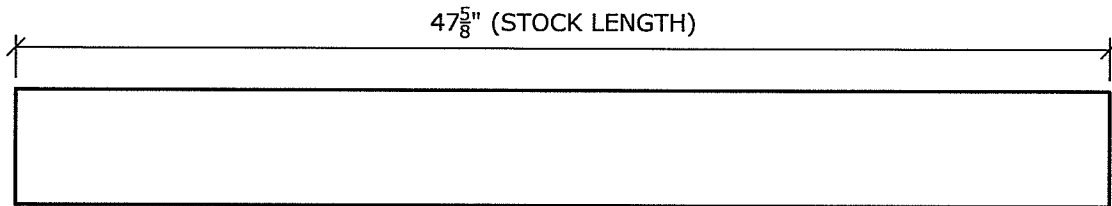
Angle Cutting	Straight line cutting to produce an angle other than 90 degrees
Anodizing	The process of coating aluminum electrolytically, resulting in a thin film of aluminum oxide of extreme hardness. Can be processed either clear or in colors.
Bending	The bending of material in a flat state by along a straight line to a defined angle.

Circle Cutting	Shearing or sawing material in a circular path to a specified dimension.
Coating	A material applied as a covering to another material such as vinyl coating applied to steel.
Coiling	A relatively long, continuous piece of material rolled to form a coil.
Corrugating	The process of creating a pattern of ridges and grooves on a flat surface.
De-Burring	The process of brushing or polishing material to remove the sharp edges that are present as a result of punching, slitting, shearing or otherwise cutting the material.
Degreasing	Removal of oil or lubricant from an item through the use of a detergent or chemical process.
Drawings Required	Drawings required to confirm material specifications, sizes or to aid in erection of the finished materials.
Electro-galvanizing	The process of electrolytically applying a thin coating of zinc to a base material. The result is a much thinner zinc coating than hot dip galvanizing.
Embossing	A technique for altering the surface of a sheet to make a raised design.
Flame Cutting	A cutting process using a oxygen and acetylene mixture which, when propelled through a torch and ignited, produces a controlled flame. Used for cutting carbon steel and most metal alloys.
Forming	A variety of processes that change the shape of material to a specific form through cutting, bending, molding, stamping, etc.
Framing	An option where a secondary product, usually U-edging or angle is cut and welded to form a frame around the edge of the material.
Heat Treating	A process where solid steel or components manufactured from steel are subject to treatment by heating to obtain required properties, e.g. softening, normalizing, stress relieving, hardening.
Laser Cutting	The process of cutting material through the use of a CO2 gas laser with a gas jet expelling the molten material.
Leveling	The process by which material is made flat to a specific tolerance.
Notching	A type of cutting where material is removed from a portion of the edge of a product to specified dimensions resulting in a "cut-out" or notch in the edge of the material.
Painting	The process of applying paint to material.
Phosphate Wash	A type of bath designed to remove oils and surface dirt from material.
Plasma Cutting	A cutting process using a plasma cutting torch that applies electrically charged gas to cut and a gas jet to expel the molten material.
Plating	The application of a thin layer of a secondary metal to a primary metal through an electrolytic process.
Polishing	The process of changing the surface appearance of a material through the repeated application of an abrasive media (brushing, grinding, sanding, etc.)
Powder Coating	The process of applying powdered paint to an item then placing it in an oven where the powder particles melt and coalesce to form a continuous coating.
Rolling	The process by which a sheet is formed into a full or partial segment of a cylinder or cone.
Stamping	The process by which small pieces are produced by punching a specific size and shaped die through the material.
Straight Cutting	Straight line cutting at a 90 degree angle to the edge of the material.
Vibrating Screen - Perforated	A product made of perforated metal to which hook flanges are attached. The resulting product is then installed into a machine designed to sort material to size.
Water Jet Cutting	A process used to cut materials with a jet of pressurized water directed through a cutting nozzle.
Water-soluble lubricant	The use of water soluble lubricants when perforating metal or in a cutting process so that the material can be cleaned afterwards by a detergent bath instead of chemical degreasing.
Welding	The process of fusing two pieces of metal together through the application of heat, sometimes with pressure and sometimes with an intermediate or filler material having a high melting point.

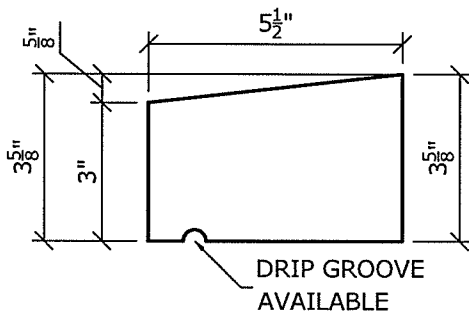
Applications:

Architectural/Decorative	Applications where the appearance of the finished item is as important as the function of the item.
Container/Enclosure	Products used as components of a container. The container may be to keep objects in or as a security device to keep people or things out.
Filter/Screen	Material used to reduce the flow of a liquid or gas, to limit the size of a particulate or to reduce the amount of light allowed to pass.
Fixture/Furniture	Material used as a component in a fixture or furniture.
Grille/Guard	Material used in some way to restrict access to an area.
Panel/Partition	Material used as the means to stop the passage of something from one place to another.
Railings	Products used to form a physical barrier around an area or platform, typically a handrail.

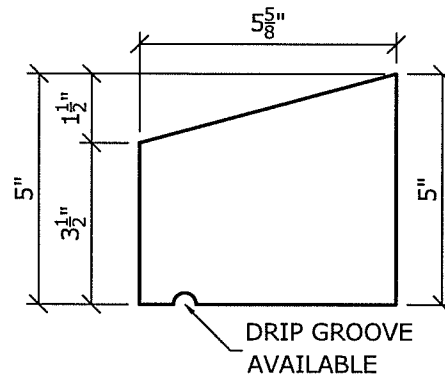
SILLS



· PLAN ·



· SECTION ·
S-1



· SECTION ·
S-4



1950 RAVINE ROAD
KALAMAZOO, MI 49004
PHONE: 269.344.7690
FAX: 269.344.7693
<http://www.superiorprecast.com/>

